

Converting Colors

YIQ(189.6760, -16.6430,
-1.2430)

Have a look what the booklet for
YIQ(189.6760, -16.6430, -1.2430)
contains.

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Color

**YIQ(189.6760, -16.6430,
-1.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC3CE
RGB	173, 195, 206
RGB Percent	68%, 76%, 81%
CMY	0.3216, 0.2352, 0.1922
CMYK	0.16, 0.05, 0.00, 0.19
HSL	200°, 25%, 74%
HSV	200°, 16%, 81%
XYZ	47.8865, 52.3726, 65.9654
YIQ	189.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

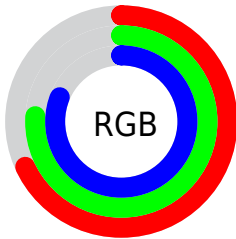
Format	Color
RYB	173, 186, 206
Decimal	11387854
CIELab	77.50, -5.17, -8.02
CIELCh	78, 9.543, 237.178
Yxy	52.3726, 0.2881, 0.3151
Android (android.graphics.Color)	4289577934 (0xFFADC3CE)
YUV	189.6760, 8.0477, -14.6249
Hunter-Lab	72.3689, -8.5322, -3.3856

Details

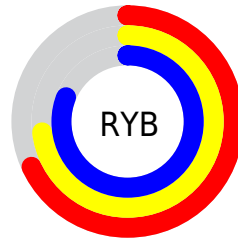
The YIQ color **189.6760, -16.6430, -1.2430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189.3240, 16.6430, 1.2430**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.4650, -14.6710, -3.9430**, and **135.9750, -16.0470, -1.0310** is the 20% darker color. If you saturate the color by 10%, you get **179.2880, -27.2340, -2.0340**, and if you desaturate by 10%, it is **200.0640, -6.0520, -0.4520**.

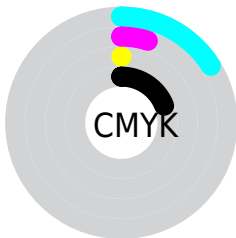
Distribution



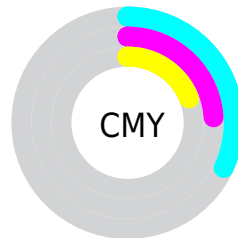
- Red (68%)
- Green (76%)
- Blue (81%)



- Red (68%)
- Yellow (73%)
- Blue (81%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6760, -16.6430, -1.2430 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 189.6760, -16.6430, -1.2430 by changing the saturation by 10% instead.

■ 189.6760,
-16.6430, -1.2430

■ 189.6760,
-16.6430, -1.2430

■ 255.0000, -0.0000,
-0.0000

■ 162.5620,
-16.3220, -1.5540

■ 245.4650,
-14.6710, -3.9430

■ 135.9750,
-16.0470, -1.0310

■ 110.8610,
-15.7260, -1.3420

■ 86.1600, -15.1300,
-1.1300

■ 63.0460, -14.8090,
-1.4410

■ 40.9320, -14.4880,
-1.7520

■ 19.3340, -15.6800,

-2.1760

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 189.6760,
-16.6430, -1.2430

■ 189.6760,
-16.6430, -1.2430

■ 179.2880,
-27.2340, -2.0340

■ 200.0640, -6.0520,
-0.4520

■ 169.1990,
-37.2290, -2.6130

■ 210.1530, 3.9430,
0.1270

■ 158.8110,
-47.8200, -3.4040

■ 220.5410, 14.5340,
0.9180

■ 149.3090,
-58.0900, -4.5060

■ 230.0430, 24.8040,
2.0200

■ 138.9210,
-68.6810, -5.2970

■ 234.1520, 22.8790,
-1.6410

■ 128.5330,
-79.2720, -6.0880

■ 238.2610, 20.9540,
-5.3020

■ 118.4440,
-89.2670, -6.6670

■ 242.3700, 19.0290,
-8.9630

■ 108.0560,
-99.8580, -7.4580

■ 246.4790, 17.1040,
-12.6240

■ 103.9030,
-103.8010, -7.5850

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189.1550, -16.7340, -5.1020



189.6760, -16.6430, -1.2430



190.6490, -12.0130, 2.9550

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.6760, -16.6430, -1.2430



193.6750, 11.4610, 7.0530



190.1650, 3.6690, -5.9230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189.6760, -16.6430, -1.2430



189.3240, 16.6430, 1.2430

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



191.7530, 10.8210, -3.3790



189.6760, -16.6430, -1.2430



193.2470, 15.5420, 4.6780

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.6760, -16.6430, -1.2430



193.0810, 4.4460, 7.5340



192.4270, 14.8550, 0.6070



189.6200, -5.0420, -7.7460

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.6760, -16.6430, -1.2430



191.7530, -6.3740, 5.3860



192.4270, 14.8550, 0.6070



190.3610, 6.0530, -5.0750

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189.6760, -16.6430, -1.2430



248.7650, -6.6480, -0.6640



193.5110, -12.2850, -14.1490



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



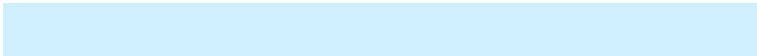
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.6760, -16.6430, -1.2430



231.2560, -24.2080, -1.8080



180.2840, -12.2430, 7.1250



97.2490, -5.1350, -0.5510



84.0810, -83.8110, -6.4270



19.5940, -19.3480, -1.7800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.3750, 12.6060, 13.8380



225.0000, 18.3360, 20.1280



198.7160, 12.2430, -7.1250



95.7880, 3.7130, 4.2970



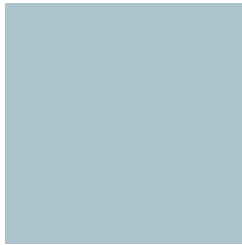
62.2880, 63.3050, 69.7130



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 189.6760, -16.6430, -1.2430 looks on a white background.

Color Contrast Check

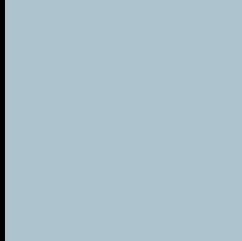
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 189.6760, -16.6430, -1.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

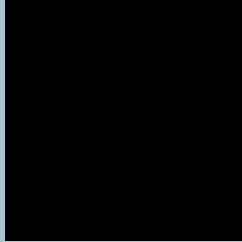
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

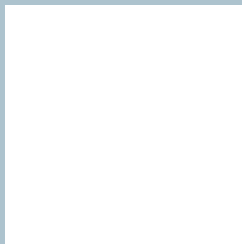
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.6760, -16.6430, -1.2430

Background



This preview shows how black text looks on a background with the YIQ color 189.6760, -16.6430, -1.2430.



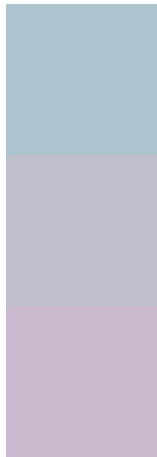
This preview shows how white text looks on a background with the YIQ color 189.6760, -16.6430, -1.2430.

-1.2430.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

189.6760, -16.6430, -1.2430

Protanopia

191.7810, -3.5770, 4.2550

Deuteranopia

193.2920, 2.4740, 10.2340



Tritanopia

189.8440, -17.0560, 0.7360

Trichromacy



Original Color

189.6760, -16.6430, -1.2430

Protanomaly

190.9760, -8.6200, 2.0360

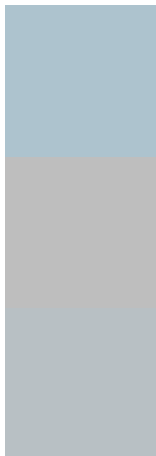
Deuteranomaly

191.6500, -4.5860, 6.0220

Tritanomaly

189.7300, -16.7350, 0.4250

Monochromacy



Original Color

189.6760, -16.6430, -1.2430

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0640, -6.0520, -0.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6760, -16.6430, -1.2430 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 206) }
```

Border

The CSS property to change the border of an element to YIQ 189.6760, -16.6430, -1.2430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 195, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 195, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6760, -16.6430, -1.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
195, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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